

CLAIMS

What is claimed is:

1. A power line warning light apparatus, comprising:
 - an iron core, which annularly surrounds a power line, so that a current in the power line induces a magnetic flux in the iron core;
 - a coil, which is wound on the iron core so as to generate a voltage according to the magnetic flux in the iron core;
 - a charging circuit, which stores the voltage generated by the coil and generates a periodic trigger signal; and
 - a flash lamp, which flashes according to the trigger signal.
2. The power line warning light apparatus of claim 1, wherein the charging circuit comprises:
 - an increasing voltage transformer;
 - a diode, which connects to an output terminal of the increasing voltage transformer, and connects to the flash lamp;
 - a first capacitor, which connects to the diode;
 - a resistor, which connects to the diode;
 - a second capacitor, which connects to the resistor;
 - a high voltage transformer, wherein an input terminal of the high voltage transformer connects to the resistor, and an output terminal of the high voltage

transformer connects to a trigger plate of the flash lamp;

a neon lamp, wherein a terminal of the neon lamp connects to the resistor; and

a silicon controlled rectifier, wherein a gate of the silicon controlled rectifier connects to another terminal of the neon lamp, an anode of the silicon controlled rectifier connects to another input terminal of the high voltage transformer, and a cathode of the silicon controlled rectifier is grounded,